

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Jean-Jacques Codani et al.)
Application No: 10/723,522) Art Unit: 1631
Filed: November 26, 2003) Confirmation No.: 8678
For: SYSTEMS AND METHODS FOR) Examiner: Clow, Lori A
SEQUENCE COMPARISON)
)

Certificate of Electronic Filing

I hereby certify that this paper is being filed using the EFS-Web electronic filing system on July 16, 2007.

/Stephen B. Deutsch/

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Office Action dated January 19, 2007, Applicants submit the following Amendment and Response.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper; however, in the event that additional extensions of time are necessary, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a).

The Commissioner is hereby authorized to credit any overpayment or charge any required fees or deficiencies to Deposit Account Number **06-1448**, Reference **GIO-191**.

As set forth below, please amend the specification, cancel claim 1, add new claim 47, and amend claims 2, 4, 6, 8, 10, 12-19, 26-32, 35 and 39.

PATENTS
Attorney Docket No. GIO-001.01

Applicant respectfully suggests that pending original, amended and new claims 2-22, 26-35 and 39-47 are now in condition for allowance.